

FIG. 1

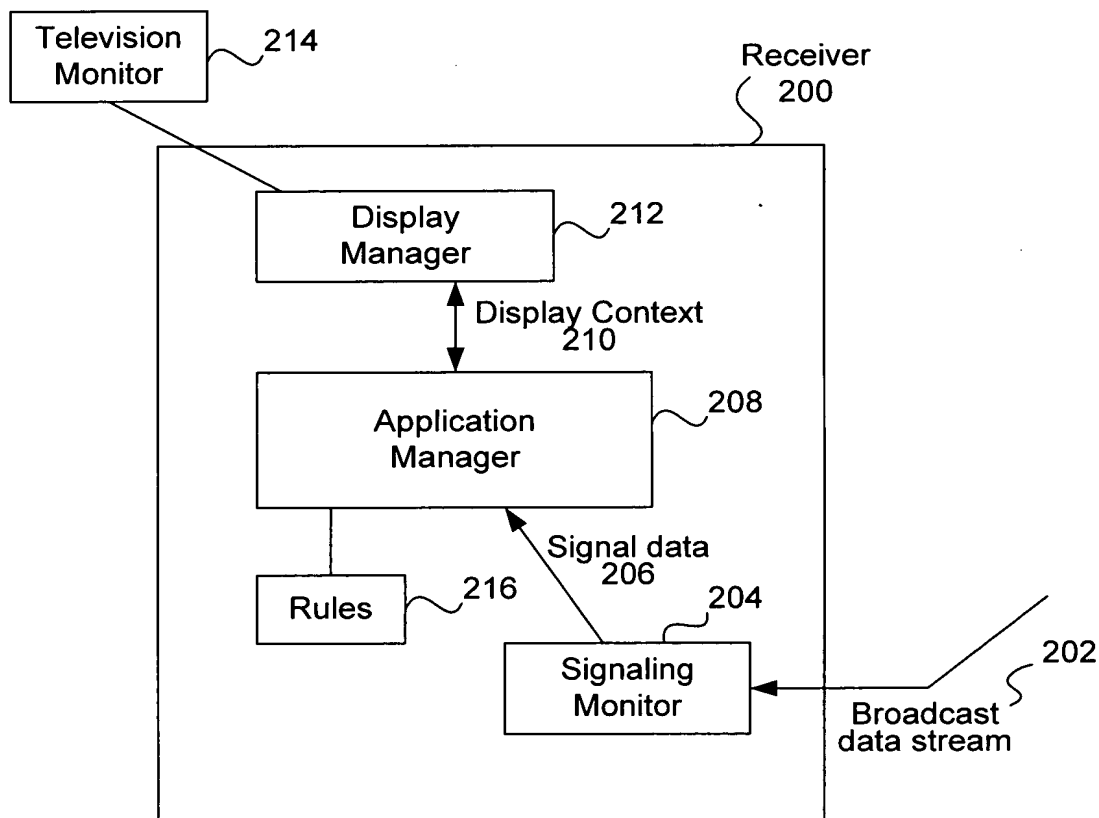


FIG. 2A

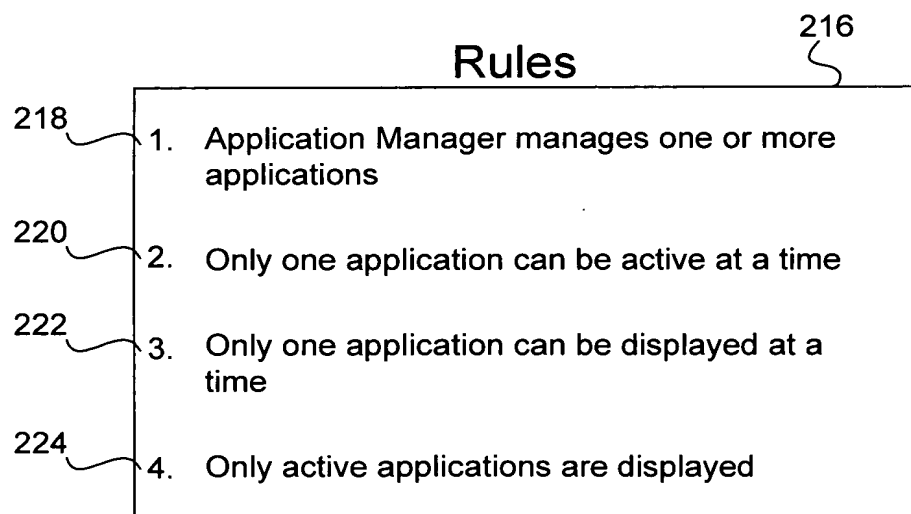


FIG. 2B



Signal Data ~ 302

App_present_in_data_stream: BOOLEAN ~ 304

Location (e.g., directory, filename) ~ 306

Authentication ~ 308

Permissions ~ 310

FIG. 3

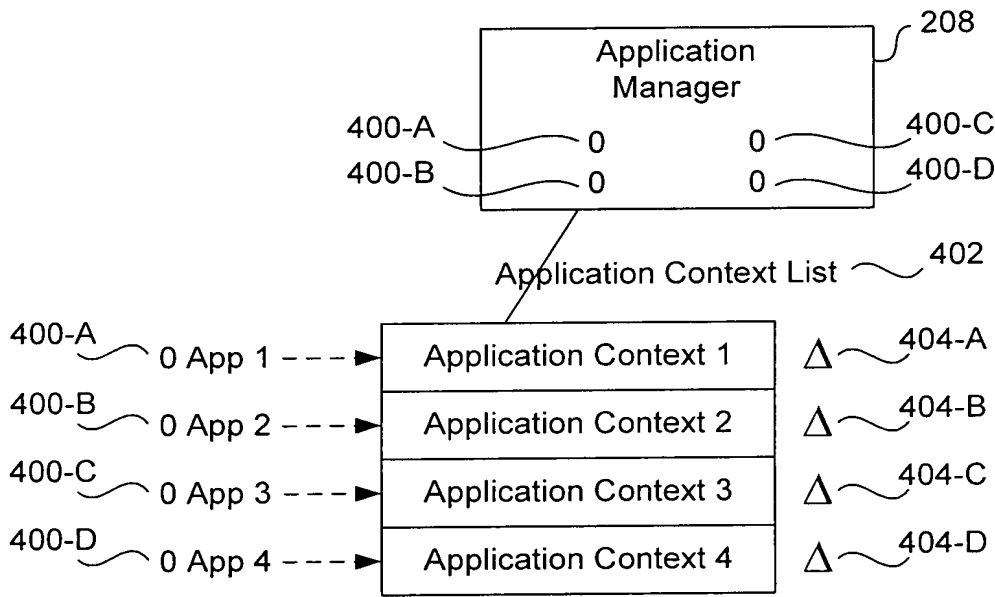


FIG. 4A

Application Context Δ 404

Class loader identifier	<u>406</u>
Signal data identifier	<u>408</u>
Display context identifier	<u>410</u>
Application identifier	<u>412</u>
Application environment object	<u>414</u>
Current application state	<u>416</u>

FIG. 4B

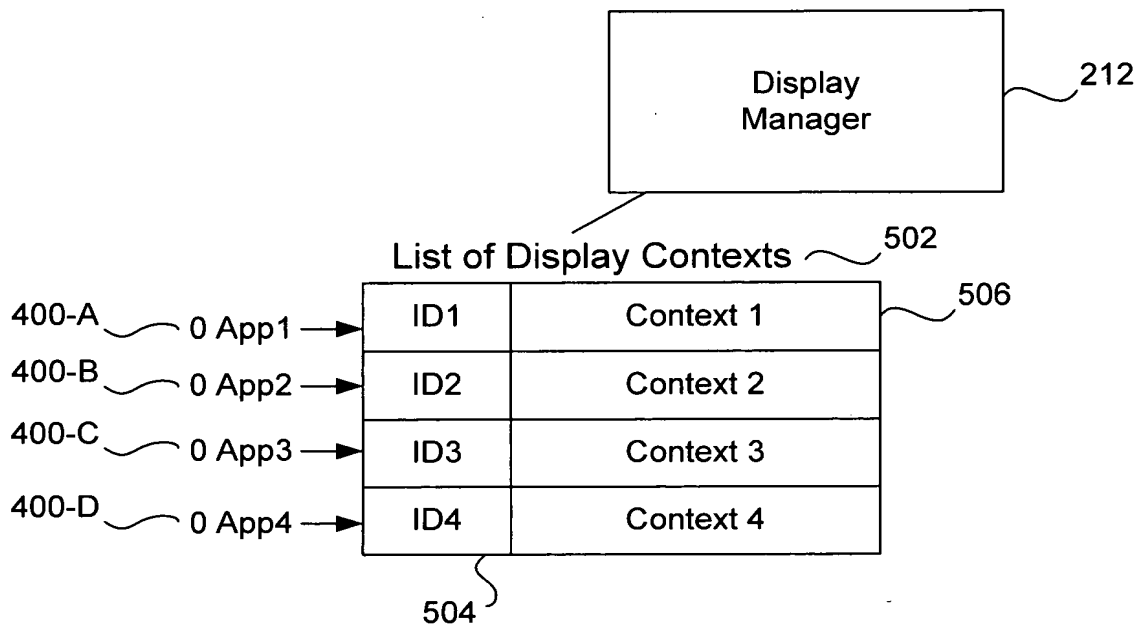


FIG. 5A

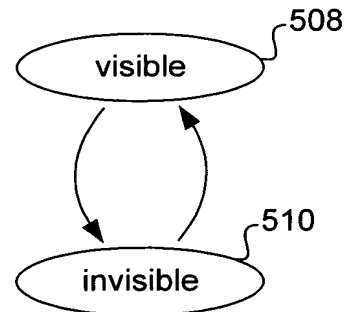


FIG. 5B

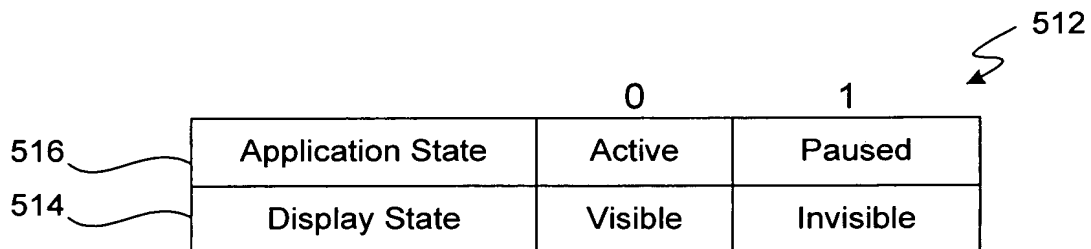


FIG. 5C

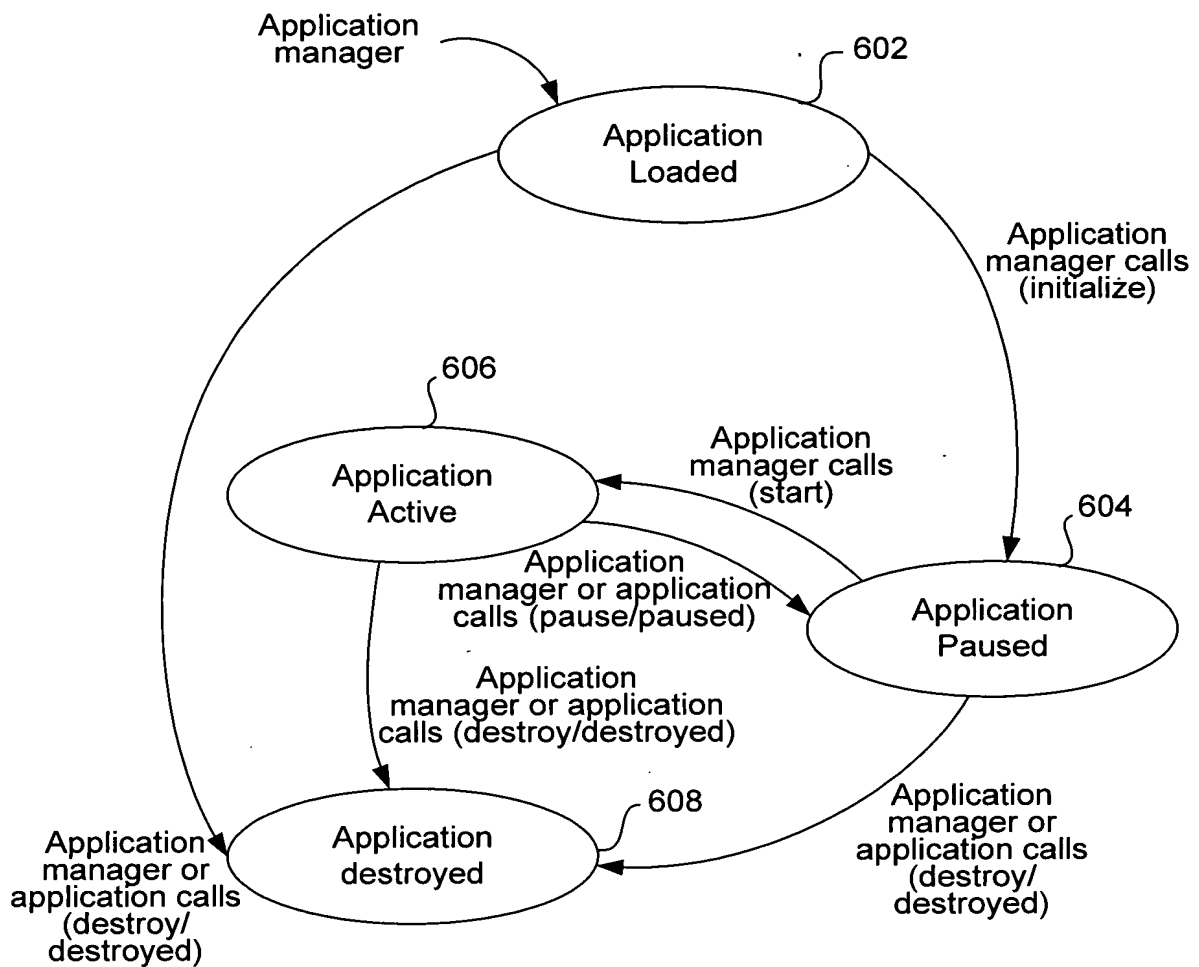


FIG. 6

Application Programming Interface (API)

```
702 Interface Application {  
    704 Public void init application (Application environment env);  
    708 Public void start application ( );  
    710 Public void pause application ( );  
    712 Public void destroy application (boolean unconditional);  
    714  
}
```

FIG. 7



Application_environment Interface

```
802  Interface Application_environment {
804      Public void destroyed ( );
808      Public java.lang.object get property (string key);
806      Public void paused ( );
812      Public void resume request ( );
      }
```

FIG. 8

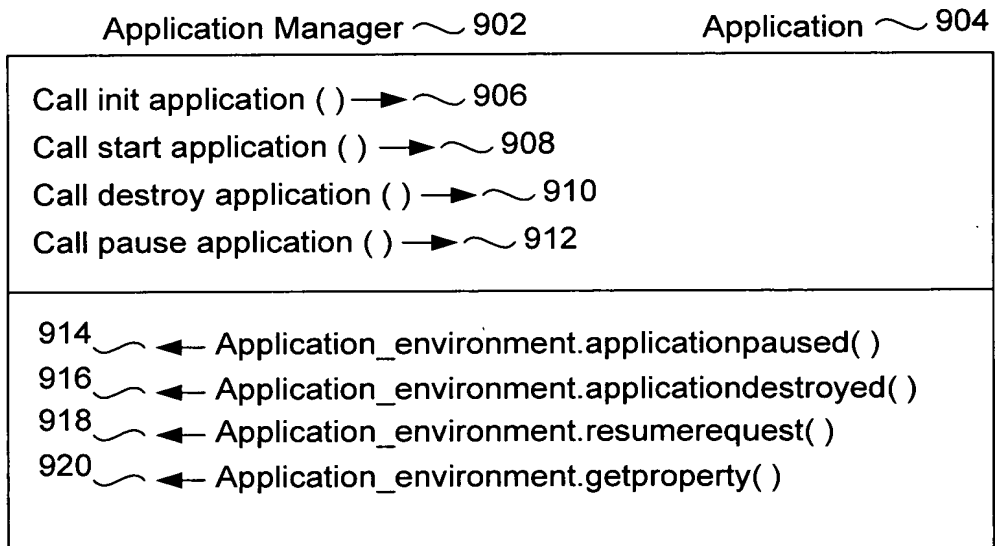


FIG. 9

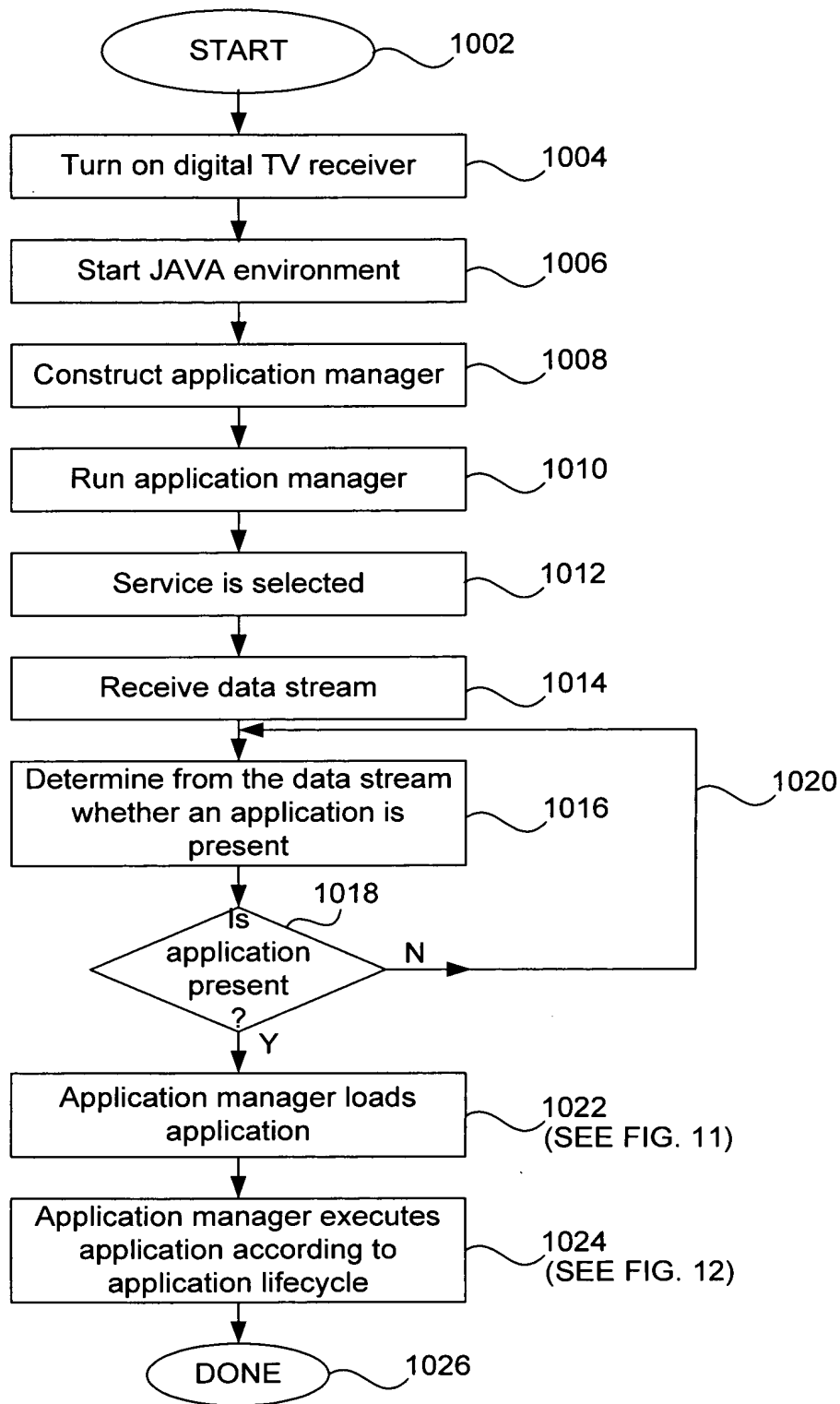


FIG. 10

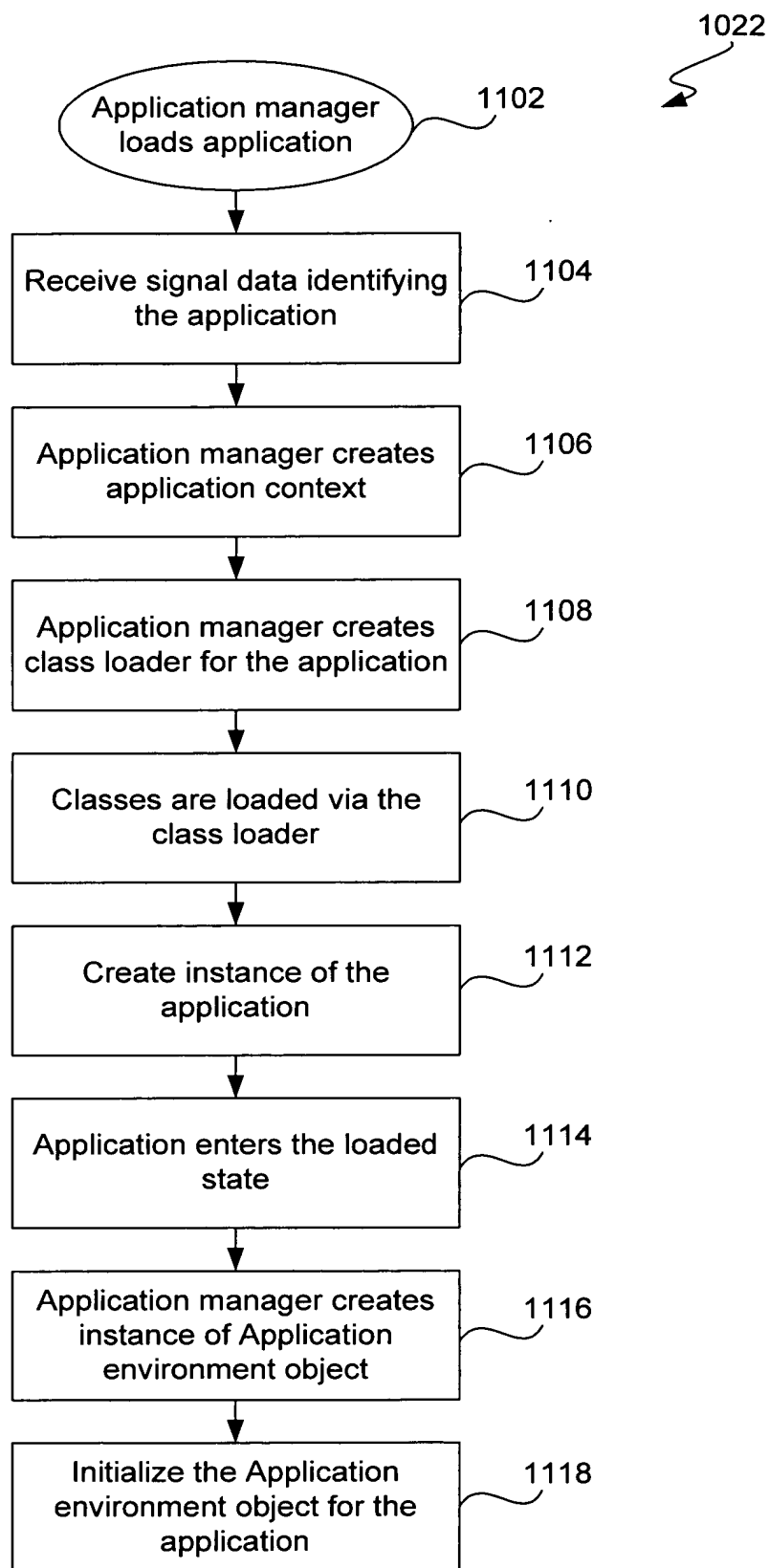


FIG. 11

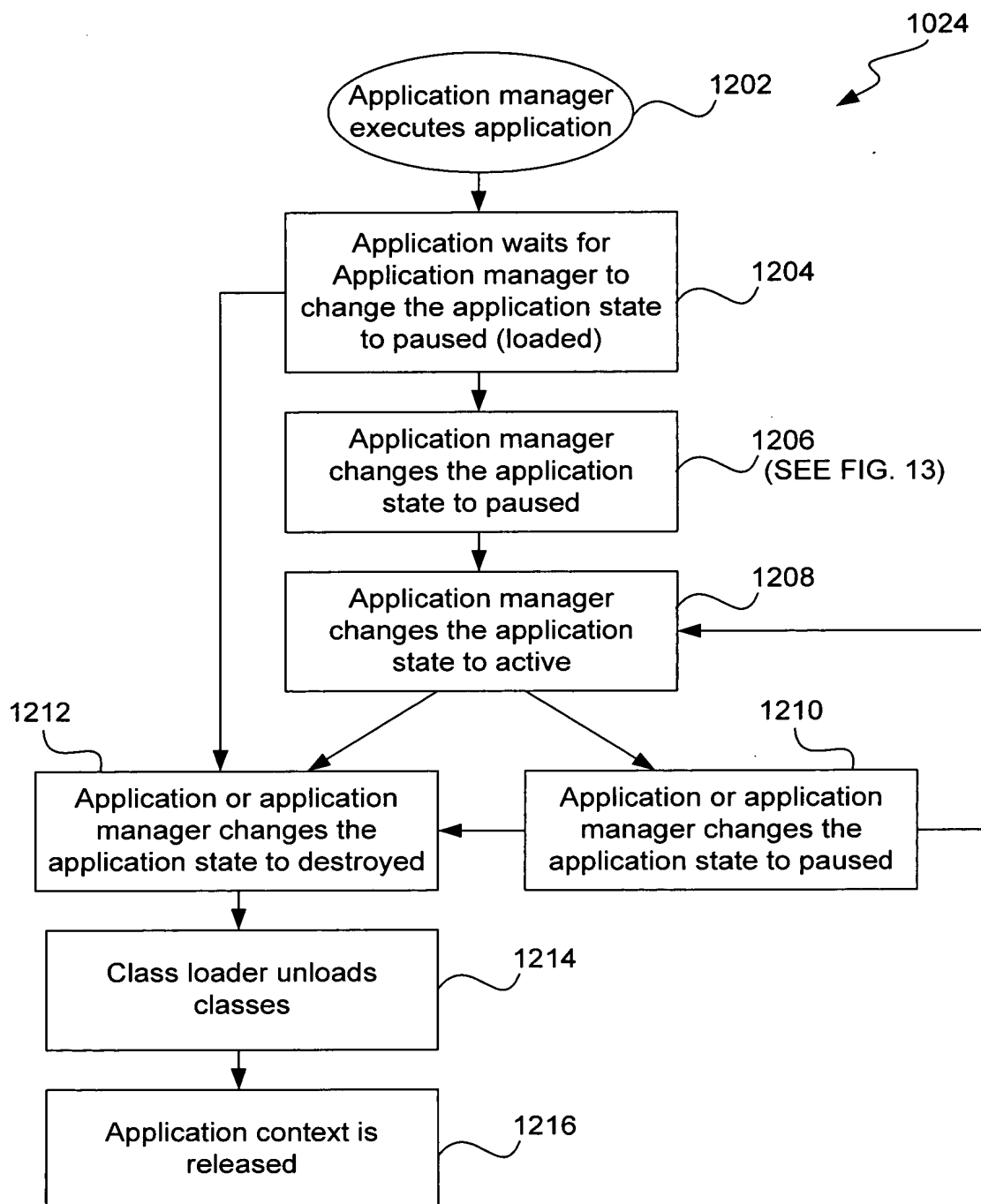


FIG. 12

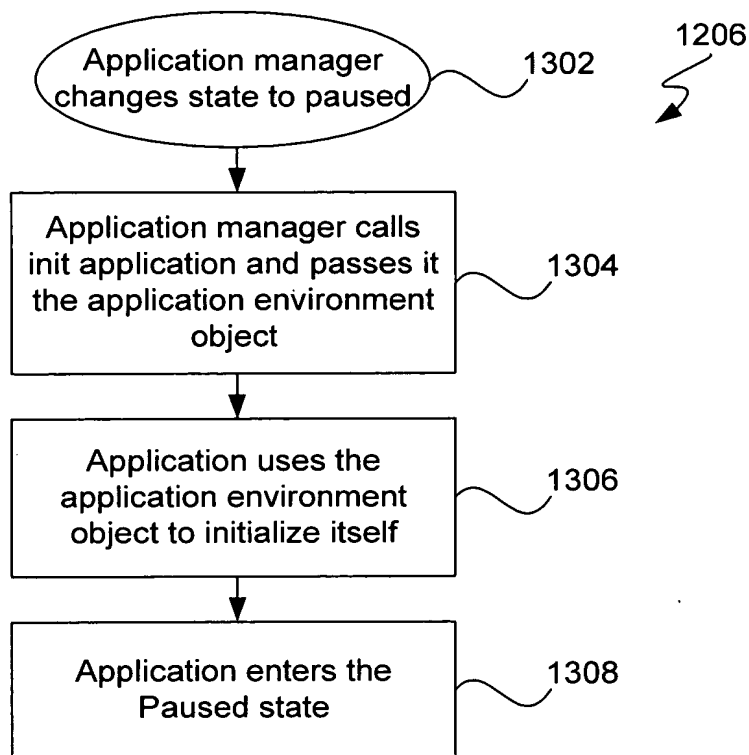


FIG. 13

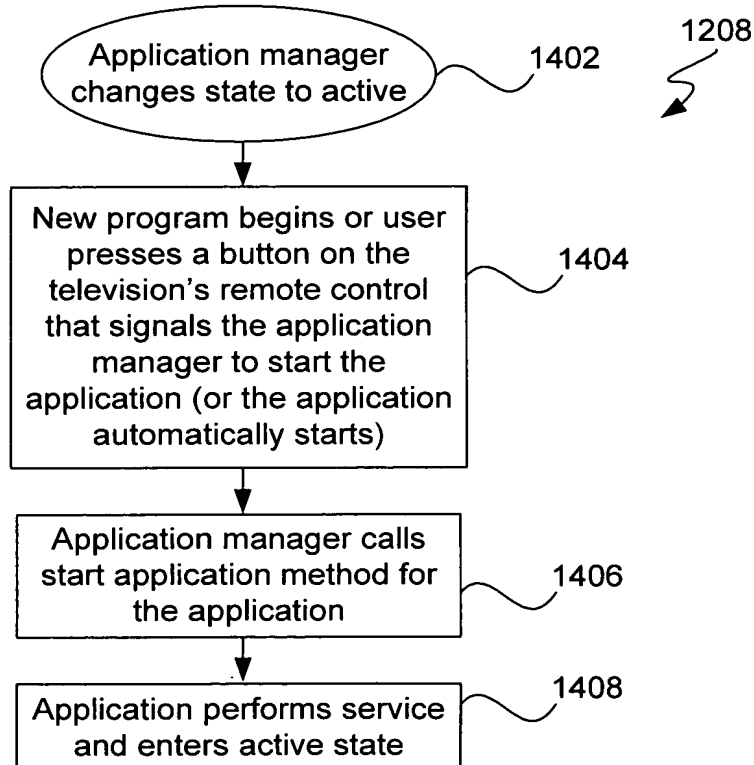


FIG. 14

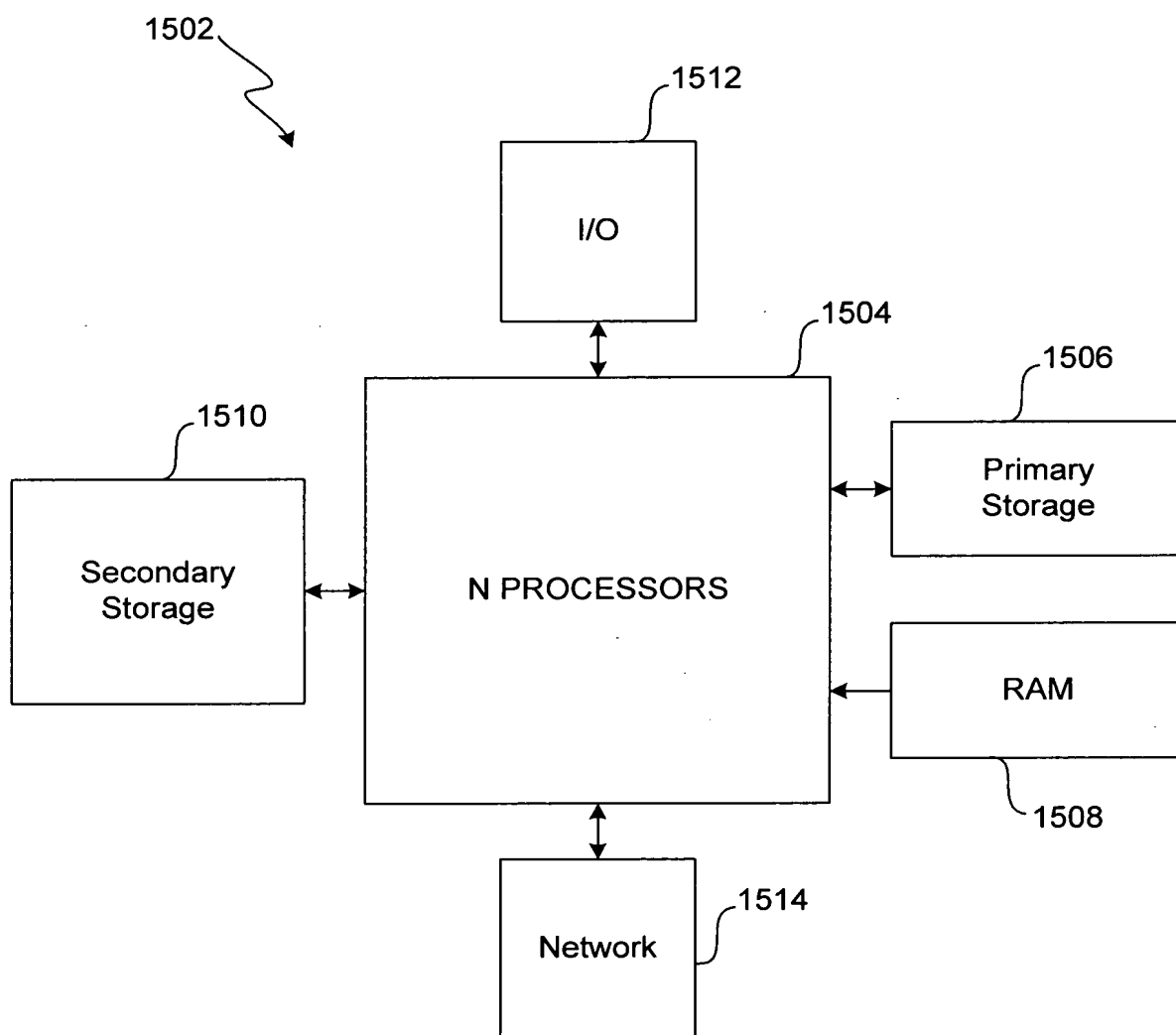


FIG. 15